

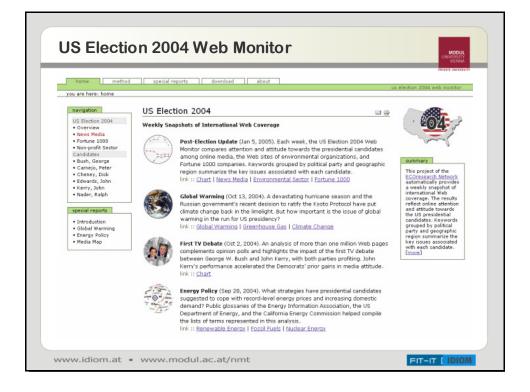
Research Questions

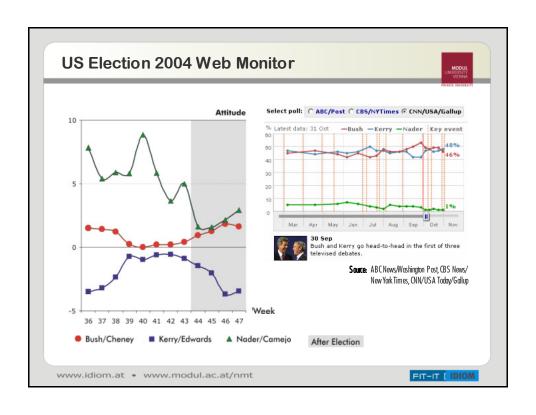


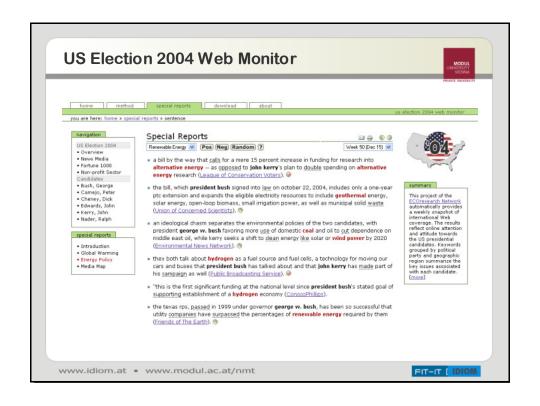
- How widespread is content redundancy, and what influences content replication within and across social networks?
- Does media interactivity influence information diffusion? Can existing models such as hub-and-spoke, syndication and peer-to-peer explain this influence?
- Which content placement strategies increase the impact on the target audience and support selfreinforcing content propagation in virtual communities (viral marketing)?
- Impact of macroscopic information flows on environmental awareness and public opinion? What are appropriate methods to measure and model the extent, dynamics and latency of this process?

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Media Watch on Climate Change



Contextualized Information Space

Collaboration platform and knowledge repository annotated along multiple dimensions

- Urgency and scope of environmental problems call for both immediate action and sustainable long-term strategies (Time)
- ICT transform the way we handle the explosive growth and reduced lifespan of environmental knowledge (Semantics)
- Interdependency of micro- and macro-level indicators and strategies > e.g. "Think globally, act locally!" (Location)

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Media Watch on Climate Change



- Public Web Portal
 - http://www.ecoresearch.net/climate/
- Extraction of Environmental Knowledge
 - 150 Anglo-American News Media Sites
 - 200,000 Documents (Mirror ed in Weekly Intervals)
 - 10,000 Environmental Articles
- Contextualized Information Space
 - Spatial Annotate Source and Target Geography

BBC: "Vienna Marking Mozart Milestone"

Source: Europe | United Kingdom | London

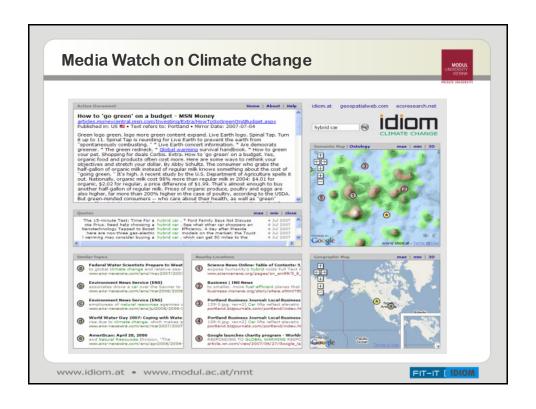
Target: Europe | Austria | Vienna

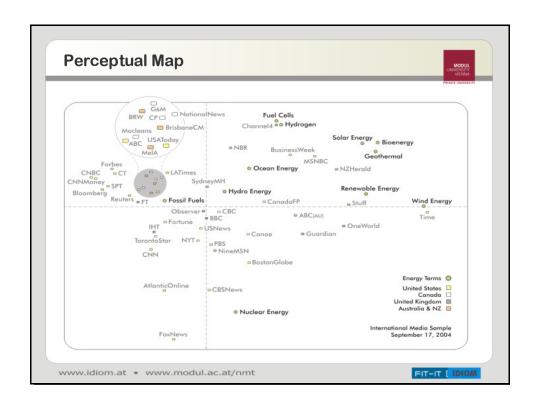
Semantic Classify Documents, Assign Ontology Concepts

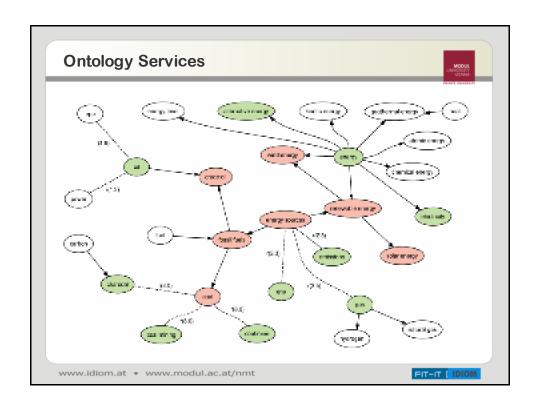
Temporal Add Timestamps to Publications, Events, etc.

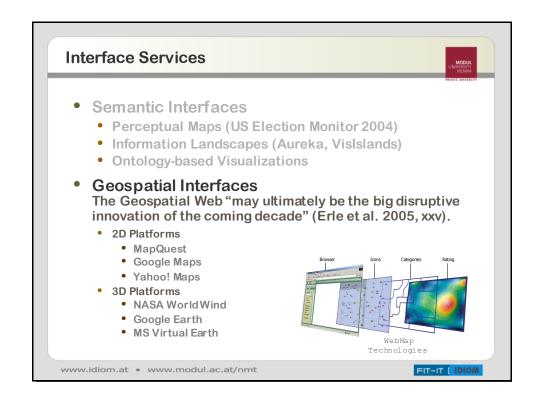
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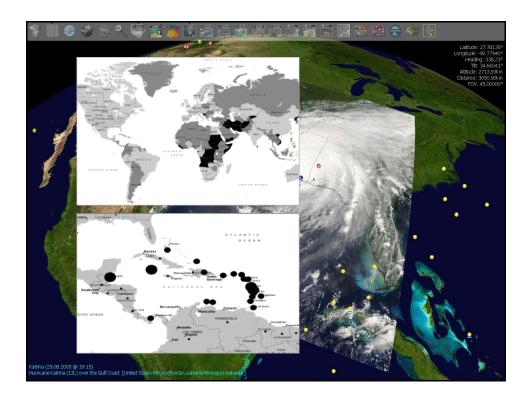
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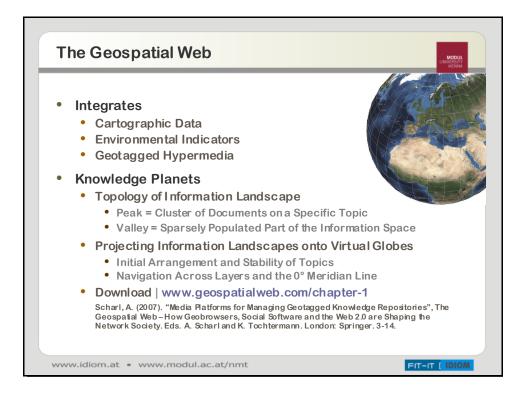


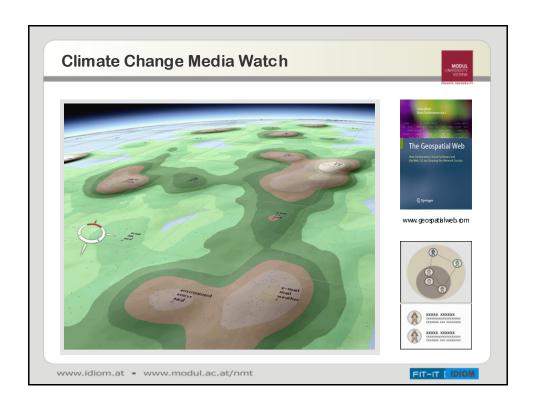


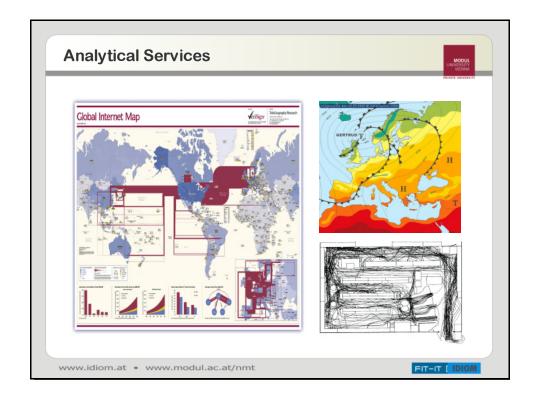


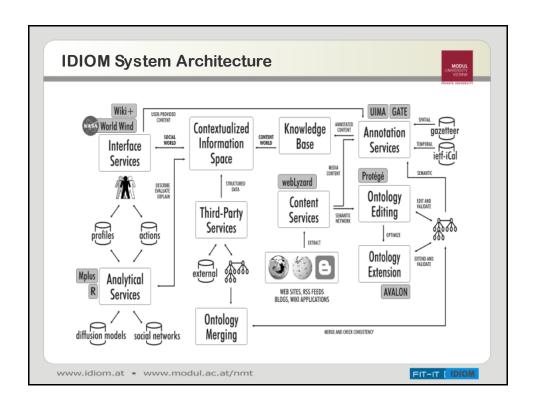












New Media Trends Social Computing and the Web 2.0 Governed by strong network effects and harnessing collective intelligence through customer-self service and algorithmic data management (O'Reilly 2005) · Blur the distinction between content production and content consumption **Hybrid Models of Content Production** • Individual (Monographs, Blogs) Cooperative • Hierarchical (Newspaper Articles, Edited Books, **Traditional Encyclopedias**) • Evolutionary (Groupware, CMS, Wiki) Automated (News Aggregators) www.idiom.at • www.modul.ac.at/nmt FIT-IT [IDIOM